

Converting Colors

YIQ(180.3590, 29.0120, 57.9400)

Have a look what the booklet for
YIQ(180.3590, 29.0120, 57.9400)
contains.

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Color

**YIQ(180.3590, 29.0120,
57.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	F487F7
RGB	244, 135, 247
RGB Percent	96%, 53%, 97%
CMY	0.0428, 0.4707, 0.0313
CMYK	0.01, 0.45, 0.00, 0.03
HSL	298°, 88%, 75%
HSV	298°, 45%, 97%
XYZ	62.7846, 43.2792, 93.0462
YIQ	180.3590, 29.0120, 57.9400

Conversions

Conversions Part 2

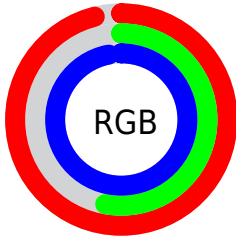
Format	Color
RYB	244, 135, 247
Decimal	16025591
CIELab	71.74, 57.25, -38.51
CIElCh	72, 68.993, 326.072
Yxy	43.2792, 0.3153, 0.2174
Android (android.graphics.Color)	4294215671 (0xFFFF487F7)
YUV	180.3590, 32.8540, 55.8132
Hunter-Lab	65.7869, 55.2266, -37.8063

Details

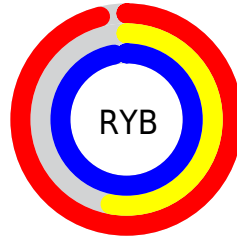
The YIQ color **180.3590, 29.0120, 57.9400** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **201.6410, -29.0120, -57.9400**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.4320, 17.6000, 33.4720**, and **124.2340, 27.8660, 56.6820** is the 20% darker color. If you saturate the color by 10%, you get **165.3850, 35.2910, 70.8030**, and if you desaturate by 10%, it is **195.3330, 22.7330, 45.0770**.

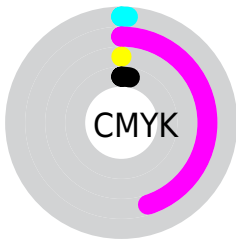
Distribution



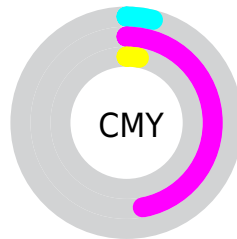
- Red (96%)
- Green (53%)
- Blue (97%)



- Red (96%)
- Yellow (53%)
- Blue (97%)



- Cyan (1%)
- Magenta (45%)
- Yellow (0%)
- Black (3%)





- Cyan (4%)
- Magenta (47%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.3590, 29.0120, 57.9400 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 180.3590, 29.0120, 57.9400 by changing the saturation by 10% instead.


 180.3590, 29.0120,
57.9400

 180.3590, 29.0120,
57.9400


255.0000, -0.0000,
-0.0000


 152.5330, 28.4620,
56.8940


 217.4320, 17.6000,
33.4720


 124.2340, 27.8660,
56.6820


 234.4550, 9.6250,
18.3050

 96.0490, 26.9490,
56.7810

 251.4780, 1.6500,
3.1380

 65.5270, 28.5990,
59.9190

 43.0380, 25.4820,
55.8340

 32.5280, 17.6900,
42.8580

 22.3170, 10.4940,

30.0940

■ 10.7250, -0.0030,
16.5810

■ 2.4110, -5.4110,
4.4530

■ 180.3590, 29.0120,
57.9400

■ 180.3590, 29.0120,
57.9400

■ 165.3850, 35.2910,
70.8030

■ 195.3330, 22.7330,
45.0770

■ 151.2970, 41.8910,
83.3550

■ 209.4210, 16.1330,
32.5250

■ 136.3230, 48.1700,
96.2180

■ 224.3950, 9.8540,
19.6620

■ 121.6480, 55.0450,
109.2930

■ 239.3690, 3.5750,
6.7990

■ 106.6740, 61.3240,
122.1560

■ 251.6960, -2.2000,
-4.1840

■ 100.2170, 64.3490,
127.9090

■ 251.9950, -1.6040,
-3.9720

■ 252.2940, -1.0080,
-3.7600

■ 252.5930, -0.4120,
-3.5480

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172.8900, -30.7240, 28.1880



180.3590, 29.0120, 57.9400



165.6550, 60.0530, 51.5490

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180.3590, 29.0120, 57.9400



167.9510, 70.4760, -32.7560



146.4410, -129.8840, -35.9960

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



180.3590, 29.0120, 57.9400



201.6410, -29.0120, -57.9400

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



139.1450, -109.3400, -55.9000



180.3590, 29.0120, 57.9400



162.1020, 24.0340, -50.1260

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



180.3590, 29.0120, 57.9400



169.3400, 89.6350, -0.0050



148.4630, -49.0020, -59.0980



145.8830, -136.5800, -24.7720

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



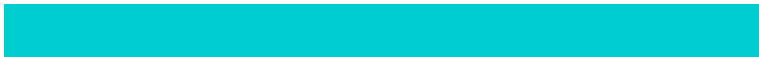
180.3590, 29.0120, 57.9400



161.4540, 73.2600, 37.9640



148.4630, -49.0020, -59.0980



144.7480, -123.7390, -42.7390

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



180.3590, 29.0120, 57.9400



233.5690, 9.3040, 18.6160



150.1160, -37.0520, 32.7400



114.7870, 5.4540, 11.2940



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



180.3590, 29.0120, 57.9400



172.7980, 35.5660, 71.3260



175.3280, 47.4920, 42.4040



114.9560, 3.3000, 6.2760



75.3230, 48.1700, 96.2180



23.7690, 15.0330, 30.4330

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



168.8300, 65.7890, 24.6770



158.7180, 80.9640, 30.5000



206.6720, -47.4920, -42.4040



113.5880, 7.1520, 2.5440



56.1840, 109.2510, 40.9870



17.8690, 34.5220, 13.1300

Previews

White Background



This preview shows how the YIQ color 180.3590, 29.0120, 57.9400 looks on a white background.

Color Contrast Check

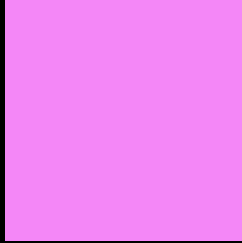
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 180.3590, 29.0120, 57.9400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

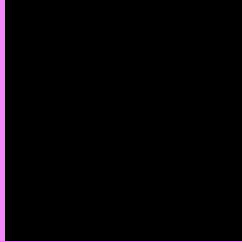
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 180.3590, 29.0120, 57.9400

Background



This preview shows how black text looks on a background with the YIQ color 180.3590, 29.0120, 57.9400.



This preview shows how white text looks on a background with the YIQ color 180.3590, 29.0120,

57.9400.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

180.3590, 29.0120, 57.9400

Protanopia

175.7590, -40.9010, 19.8910

Deuteranopia

176.4410, -31.3180, 16.9220



Tritanopia

179.1740, 44.1490, 20.3810

Trichromacy



Original Color

180.3590, 29.0120, 57.9400



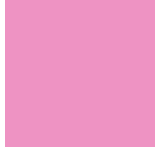
Protanomaly

177.6640, -15.2280, 33.7000



Deuteranomaly

178.1330, -9.3590, 31.9610



Tritanomaly

179.6810, 38.8280, 34.2200

Monochromacy



Original Color

180.3590, 29.0120, 57.9400



Achromatopsia

180.0000, -0.0000, -0.0000



Achromatomaly

180.2210, 10.4040, 20.7080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.3590, 29.0120, 57.9400 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(244, 135, 247)` looks like.

```
.text, #text, p{  
    color:rgb(244, 135, 247)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(244, 135, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 135, 247) }
```

Border

The CSS property to change the border of an element to YIQ 180.3590, 29.0120, 57.9400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 135, 247) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(244, 135, 247) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(244, 135, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 135, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 135, 247);  
box-shadow:4px 4px 4px 4px rgb(244, 135,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 180.3590, 29.0120, 57.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 135, 247) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(244,  
135, 247) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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